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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/679,628	09/29/2003	Luciano Tosato	1767	4002
7590 Walter H. Schneider 21530 Beechwood Rd. Circleville, OH 43113				
01/15/2009				
EXAMINER				
CAMPBELL, VICTORIA P				
ART UNIT		PAPER NUMBER		
3763				
MAIL DATE		DELIVERY MODE		
01/15/2009		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/679,628

**Applicant(s)**

TOSATO, LUCIANO

**Examiner**

VICTORIA P. CAMPBELL

**Art Unit**

3763

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 21 October 2008.  
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 12-17 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 12-17 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☒ None of:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO/SE/US)  
Paper No(s)/Mail Date 9/29/08  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_  
5) ☐ Notice of Informal Patent Application  
6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

This is the second Office Action based on the 10/679628 application filed September 29, 2003. Claims 12-17 as newly presented are currently pending and considered below.

#### ***Response to Amendment***

1. In light of the amendment made by applicant, the examiner has removed the previous objection to the Abstract. Further, in light of the cancelling of claims 1-11, the examiner has removed all prior claim objections.

#### ***Claim Objections***

2. Claim 12 is objected to because of the following informalities: in line 14, "chanmber" should read --chamber--.
3. Claim 17 is objected to because of the following informalities: in line 4, "discharrge" should read --discharge--.
4. Appropriate correction is required.

#### ***Claim Rejections - 35 USC § 112***

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claim 12 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
7. The preamble of the claim says that the two products are delivered "simultaneously" but lines 4-5 of the claim provide for means to expel the products "simultaneously or successively". Clarification is requested.
8. Line 5 of the claim contains the phrase "said means", however, it is not clear whether this is directed to the aforementioned "means designed to receive two or more different products" or "means designed to expel said products simultaneously or successively". For purposes of examination, and based on the identification numbers used with reference to the figures, the examiner has interpreted the "said means" to be drawn to the "means designed to receive two or more different products".
9. Line 10 of the claims contains the phrase "the anterior wall" of the cannula, but there is no direction as to which end of the cannula is "anterior" and which is "posterior". For purposes of examination, the examiner has interpreted the anterior end to be the one away from the dispensing orifice.

***Claim Rejections - 35 USC § 102***

10. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

11. Claims 12-17 are rejected under 35 U.S.C. 102(b) as being anticipated by USPN 4,421,504 to Kline.

Regarding the above claims, Kline discloses a disposable cannula (77) designed to simultaneously deliver products of different compositions (84, 85) comprising means to receive two or more different products (78), and means to expel said products (91), said receiving means comprising a barrel (78) defining a single cylindrical chamber (86) designed to receive and retain a first product (84), said chamber having a plurality of holes (80) in correspondence with the distal section of said cannula (Fig. 21), to allow expulsion of the first product; an opening in the anterior wall of the cannula (86) provided with means (87) to receive and retain a second product (85), the means for expelling comprising a plunger (91) designed to press on the first product (via second product 85) to cause its expulsion, and a sealed separator (83) in said chamber downstream of said plunger and slidable therein, said separator provided with means designed to engage and control the expulsion of said second product (membrane separates the first and second product until forced to rupture by plunger 91). Further, Kline discloses a sheath (82) covering at least the length of the cannula containing the openings (Fig. 21), that ridges (the examiner notes that attachment of septum 83 to cavity 86 would create a ridge) retain separator 83 in position, that the inner wall of the cannula is provided with ridges (87) to retain the second product in position (the examiner notes that the membrane itself is one ridge), and that the inner surface of the cannula is provided with means for retaining the plunger in position prior to use (88). Finally, Kline discloses a dispenser with holes (21) along its full length (Fig. 7) which

could be used in concert with the products (84 and 85) and the plunger (91) in order to expel air prior to injection.

### ***Response to Arguments***

12. Applicant's arguments with respect to claims 12-17 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

13. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to VICTORIA P. CAMPBELL whose telephone number is (571)270-5035. The examiner can normally be reached on Monday-Thursday, 7-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nicholas Lucchesi can be reached on 571-272-4977. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Victoria P Campbell  
Examiner, AU 3763

/Nicholas D Lucchesi/  
Supervisory Patent Examiner, Art Unit 3763